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\* INDIANA SINCLAIR-TIMEX USERS GROUP NEWSLETTER \*  
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JULY 1987

Editor-Frank Davis

AUGUST MEETING

The next meeting of the Users Group ISTUG, will be at the home of Willie Jones, group librarian and ISTUG BBS Sysop. His address is 10126 East 33rd, Indianapolis, IN 46236. For further directions you may call him at 317-... voice or 317-... by modem. My hat off to Willie for hosting this meeting. The meeting will have a door prize, and only those who attend will be eligible to win. It is the truth when I say that the door prize alone is worth more than the cost of your membership in ISTUG.

We came dangerously close to having no meeting this month. You will recall that in last month's issue I asked that if someone wanted to host the August and September meetings to either call me or leave a message on the ISTUG BBS. I got absolutely no response on that and was perplexed to say the very least. By hosting a meeting you get a chance to show off what type of computer setup you have going for you, or if you are having problems with it then you have the ideal time to apply a little group effort to getting it straightened out. Don't worry as to whether your house is up to BETTER HOMES AND GARDENS looks to decide as to whether to host the next meeting, we usually get so busy that we never notice anyway. So how about a volunteer for some of the upcoming meetings. Or perhaps it is time to find a facility that will allow us to use their space. Contact me on this at 317-473-8031. Ed. Frank

AN APPEAL .....A LETTER TO ISTUG

"I saw your user group listed in the May issue of COMPUTER SHOPPER. I am a TS1000 user with a problem. Perhaps your user group could help me out.

I recently purchased a 32K Memotech RAMPack for my TS1000. My problem: the RAMPack is not compatible with my Westridge 2050 modem. I had to make a minor modification to my TS2040 printer to use the RAMPack, and it works fine with the 2040 and the TS1016 RAMPack combined. It also works with just the TS1016 RAM.

I am interested in receiving any tips/information concerning modifications, etc. which can be made to make the modem and RAM compatible. Have any of your members experienced similar problems? With these rampacks reappearing on the market at such an attractive price, I'm sure it won't be long.

My sister is also a TS1000 user and is looking for a full size keyboard if anyone has one (preferably Suntronics or similar easy hookup). Incidentally, she also has a Memotech RAM (16K) and has the same problem.

Thank you for your time and attention.

Sincerely,  
Mark Swartz  
731 Mohawk Street  
Allentown, PA 18103

Anyone who thinks they can shed some light on this write to Mark Swartz.

## WAFADRIVE NOTES AND PROGRAM

by James Kerr

Just dropping a hint on ARTWORX. The Kempston search on the Rotronics Toolkit won't find the joystick port in the Spectrum Version (that can be loaded on the Wafa-drive). But if you load the program...move to "SAVE"-answer filename with 9999 (gets you into Basic) then POKE 30101,223:POKE 44530,223.(ENTER) then GOTO 8005 you will be able to use the Kempston Joystick or Joystick interface as described in Time Designs (May/June 86') issue. Of course changes have to be made to Line 9998 to save to Wafa as it is configured for Micro-Drive.

P.S. In the Feb. 87' newsletter I tried to explain how to make backups of protected wafers, here is a program I wrote to help me do this easily:

```

1 REM **To Make Backup Copies For Wafa-Drives From
Protected Wafers for own use ONLY!
2 REM J. Kerr
10 LET a=24862
20 DIM n$(10): POKE 23658,8
25 PRINT " PLACE Wafa to Copy in Drive 'A'""Hit any
Key":PAUSE 0: CAT *
30 INPUT "Name of file to un-protect? (as listed)":n$
(1 TO 10)
35 PRINT INK 4;".PRG=0 (non-running)""PRG*=128 (self
run)""BYT=1 (reg. CODE)""BYT# OR *=129 (self run
CODE)""DAT=2(DATA file SCREEN$ OR text": INK 0
40 INPUT "No. ? ";n
50 FOR J=a+48 TO (a+48)+((PEEK (a+26)*12)+PEEK (a+24)-PEEK
(a+25))
60 LET 1$=CHR$ (PEEK J)+CHR$ PEEK (J+1)+CHR$ PEEK
(J+2)+CHR$ PEEK (J+3)+CHR$ PEEK (J+4)+CHR$ PEEK (J+5)+CHR$ PEEK
(J+6)+CHR$ PEEK (J+7)+CHR$ PEEK (J+8)+CHR$ PEEK (J+9)
62 IF n$=1$ THEN POKE J+10,n: GO TO 100
65 NEXT J
70 PRINT " 'Is it exactly as listed?": INPUT "Y/N ":q$
80 IF q$="n" OR q$="N" THEN GO TO 10
90 PRINT "Well I Can't Find It!": STOP
100 PRINT "Put FORMATED Wafa in Drive""B""MAKE SURE
enough spare for Xfer""HIT ANY KEY WHEN READY": PAUSE 0
110 MOVE "a:"+n$ TO "b:": CAT*"b:"
120 INPUT "Any more ? Y/N ":q$: IF q$="y" OR q$="Y" THEN GO
TO 10
130 STOP
150 SAVE "A:BACKER" LINE 1

```

## FURTHER PROGRAMS

On the next few pages we have two different programs.

The first is Money Manager (MonMan) by Paul Holmgren. This is an excellent program to manage just about all of your money and if applied may help you to hold onto more of it (or at least be able to account for where it went to). The program is in this issue and the docs for it will be in the next issue. (That issue is almost complete other than finding out where the next meeting will be in September.) The program is commercial quality.

The second program is one by Basil Wentworth. It is short but useful in order to generate a frame around a character. It should save you some time and a little wear on the grey matter.

```

10 LET N1=SGN PI: LET N0=NOT P
I: BORDER N1: INK 9: PAPER N1
20 DEF FN T(P)=VAL "INT ((P)+1
90+.5)/100"
30 REM SUBROUTINES
40 CLS : POKE 23658,8: GO TO 6
040: DATA "JAN","FEB","MAR","APR
","MAY","JUN","JUL","AUG","SEP",
"OCT","NOV","DEC"
50 PRINT : PLOT N0,PEEK 23689:
8-12: DRAW 255,N0: RETURN
60 LET X=36: LET L=184: GO TO
80
70 LET X=80: LET L=90
80 PLOT X,171: DRAW L,N0: DRAW
N0,-16: DRAW -L,N0: DRAW N0,16:
RETURN
90 INPUT "0 to make Entries"
-1 to return to menu SELECT ";U
: IF W=N1 THEN GO TO 90
100 RETURN
110 LET peek=PEEK 23689: PRINT
AT 18,N0;"MA=Hisc. Assets","CK=C
hecking","SA=Savings","CA=Cash"
CC=Cash Card","CD=CD of Dep."
ST=Stocks": RETURN
120 PRINT AT 18,N0,".....: PK
E 23689,peek: RETURN
130 PRINT #N1;"No such Item, pr
ess ENTER": PAUSE N0: RETURN
140 GO SUB 50
150 INPUT "Do you wish a COPY "
;P$: IF P$="" THEN GO TO 150
160 IF P$(N1)="Y" THEN COPY
170 IF 90 THEN RETURN
180 PRINT #N1;"Press ENTER for
Menu ": PAUSE N0: RETURN
190 PRINT "To stop entries ENT
ER RETURN": GO SUB 50: PRINT
,
M$(90);TAB 25;"Year"
200 IF 8 THEN INPUT "Is this a
new month? ";P$: IF P$="" THEN G
O TO 200
210 LET B=N0: RETURN
220 RESTORE : FOR I=2 TO 24 STE
P 2: READ P$
230 IF P$=M$(N1, TO 3) THEN LET
B=I
240 NEXT I: RETURN
500 REM INCOME
510 PRINT TAB 13;"INCOME": GO
SUB 70: GO SUB 6160: REM 51
520 PRINT "Item",M$(N1);TAB 25
;"Year"
530 GO SUB 50: FOR B=N1 TO INX
540 GO SUB 6160: REM 52
550 PRINT L$(B),H(B);TAB 24;F(B
)
560 NEXT B: GO SUB 50
570 PRINT "Total",HT;TAB 24;FT
580 GO SUB 90: IF W THEN RETURN
590 CLS : GO TO 2000
1000 REM expense statement
1010 PRINT TAB 12;"EXPENSES": G
O SUB 70
1020 PRINT "Item",M$(2);TAB 25;
"Year": GO SUB 50
1030 FOR I=N1 TO ENX
1040 GO SUB 6160: REM 53
1050 PRINT I$(I),H(I);TAB 24;T(I
): NEXT I: GO SUB 50
1060 PRINT "TOTAL",AT;TAB 24;TT
1070 GO SUB 90: IF W THEN RETURN
1080 CLS : GO TO 2500
1500 REM ASSETS and LIABILITIES
1510 PRINT TAB 5;"ASSETS and LI
ABILITIES": GO SUB 50
1520 GO SUB 6160: REM 54
1530 PRINT "Checking bal.";TAB
23-LEN STR$ CK;"$";CK,"Cash Ca
rd";TAB 23-LEN STR$ CC;"$";CC,"
Savings bal.";TAB 23-LEN STR$ SA
;"$";SA,

```

```

1540 PRINT "Cash bal.";TAB 23-L
EN STR$ CA;"$";CA," Certs. of De
posit";TAB 23-LEN STR$ CD;"$";CD
"Stocks";TAB 23-LEN STR$ ST;"$
";ST,
1550 PRINT "Hisc. Assets";TAB 2
3-LEN STR$ MA;"$";MA," Property"
;TAB 23-LEN STR$ PR;"$";PR
1560 LET B=CK+CC+SA+CA+CD+ST+MA+
PR
1570 PRINT "ASSETS";TAB 23-LEN
STR$ B;"$";B
1580 GO SUB 50: PRINT "Mortgage
";TAB 23-LEN STR$ MG;"$";MG," In
s. loan";TAB 23-LEN STR$ LL;"$";
LL," 2nd Mort.";TAB 23-LEN STR$
L2;"$";L2
1590 LET B=MG+LL+L2: PRINT "LI
ABILITIES";TAB 23-LEN STR$ B;"$";
B
1600 LET B=(SA+CA+CK+ST+CD+PR+MA
)+B
1610 GO SUB 50: PRINT "Net Worth
";TAB 23-LEN STR$ B;"$";B
1620 GO SUB 140: RETURN
2000 REM Income Entries
2010 LET 90=N1: PRINT TAB 9;"In
come entries": GO SUB 60: GO SUB
190
2020 IF P$(N1)="Y" THEN LET HT=N
0: DIM H(6): INPUT "Type month (
3 letters e.g. JAN) ";M$(N1): LE
T P$="": CLS : GO TO 2000
2030 GO SUB 50
2040 INPUT "Item ";P$: IF P$="R
ETURN"( TO LEN P$) THEN RETURN
2050 FOR B=N1 TO INX
2060 IF P$=L$(B, TO LEN P$) THEN
GO TO 2090
2070 NEXT B: GO SUB 130
2080 GO TO 2040
2090 PRINT L$(B),H(B);TAB 24;F(B
)
2100 INPUT "Amount $";TR: GO SUB
110: INPUT "For account? ";T$
2110 LET P$=T$: LET 90=2100: GO
TO 5470
2120 GO SUB 120
2130 IF T$="CK" THEN LET CK=CK+T
R
2140 IF T$="SA" THEN LET SA=SA+T
R
2150 IF T$="CC" THEN LET CC=CC+T
R
2160 IF T$="CA" THEN LET CA=CA+T
R
2170 IF T$="ST" THEN LET ST=ST+T
R
2180 IF T$="CD" THEN LET CD=CD+T
R
2190 IF T$="MA" THEN LET MA=MA+T
R
2200 IF 51 THEN RETURN
2210 LET H(B)=H(B)+TR: LET HT=HT
+TR: LET F(B)=F(B)+TR: LET FT=FT
+TR
2220 GO SUB 50: PRINT "TO DATE",
H(B);TAB 24;F(B)
2230 GO SUB 50: PRINT "Total Inc
ome",HT;TAB 24;FT
2240 GO SUB 220: LET U(B-N1)=HT
2250 GO SUB 50: GO TO 2040
2500 REM Expense Entries
2510 LET 90=2: PRINT TAB 9;"Exp
ense entries": GO SUB 60: GO SUB
190
2520 IF P$(N1)="Y" THEN LET HT=N
0: LET PPT=N0: DIM M(ENX): INPUT
"Type month (3 letters e.g. JUL
) ";M$(2): LET P$="": CLS : GO
TO 2500
2530 INPUT "Item ";P$: IF P$="R
ETURN"( TO LEN P$) THEN RETURN
2540 FOR B=N1 TO ENX

```







# A Small Frame-up, by Basil

Here's a little program that will generate a frame around characters, as shown in the accompanying illustration. Nothing earth-shaking, but it may save somebody the trouble of making a handful of calculations all over again.

As indicated in the REMs, line 1020 consists of a repetition of a series of GRAPHICS ABC, and 1050 is a repetition of GRAPHICS FGH. Line 1030 is a series of: GRAPHICS D, the character to be framed, and GRAPHICS E.

A B C D E F

The Characters Framed

```
10 REM clear UDG (user-defined
graphic) keys
20 FOR F=0 TO 167
30 POKE (USR "A"+F),0
40 NEXT F
50 REM generate UDG's
60 POKE USR "a"+7,3
70 POKE USR "b"+7,255
80 POKE USR "c"+7,192
90 FOR f=0 TO 7
100 POKE USR "d"+f,2
110 POKE USR "e"+f,64
120 NEXT f
130 POKE USR "f",3
140 POKE USR "g",255
150 POKE USR "h",192
1000 REM test
1010 CLS : PRINT
1020 PRINT " _ _ _ _ _ ":
REM graphics ABC
1030 PRINT " |A| |B| |C| |D| |E| |F| ":
REM graphics D, CHR$, graphics
E
1050 PRINT " _ _ _ _ _ ":
REM graphics FGH
9999 STOP
9000 SAVE "udg" LINE 1
9010 BEEP .3,12: BEEP 1,12
9020 CLS : PRINT "re-play TO VER
IFY "
9030 VERIFY "udg"
9040 BEEP .3,16: BEEP 1,16
Program to frame characters
```

## BROTHER HR-5 PRINTER FOR SALE

Thermal dot-matrix printer  
INTERFACE: Parallel Centronics or RS-232  
PRINTING SPEED: 30 cps  
NO. COLUMNS: 80-96 (normal or emphasized pica or elite characters), 40-48 (double-width expanded characters), 66 (reduced double-width expanded characters), 132 (condensed characters)  
PAPER: friction feed single or continuous. Standard paper or thermal paper.  
PRICE: \$99.95 US (S+H and PPD.)

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